

Amendments to the Specification

Please replace paragraph [0046] with the following rewritten paragraph:

- [0046] Continuing with FIG. 6a, in use the etalon **172** can first be warmed up to a predetermined temperature and allowed to cool down at a desired rate when the power in the etalon tuning signal **114** ~~to~~ is reduced. This permits controlled, stable setting of the etalon **172** initially, and then enables adjusting in an ongoing manner, either by heating it up (by increasing the power) or by cooling it down (by decreasing the power). The free spectral range of the etalon **172** can therefore be increased or decreased at will. –

Please replace paragraph [0071] with the following rewritten paragraph:

- [0071] When light from the first laser system **302** is coupled into the tunable etalon assembly **320** the etalon tuning signal **338** is adjusted to bring the third detected signal **336** to a particular point on ~~point on~~ the peak-valley curve, say, the peak. The value of the etalon tuning signal **338** is now recorded. Then light from the second laser system **312** is coupled into the tunable etalon assembly **320** and the etalon tuning signal **338** is changed as needed to bring the third detected signal **336** back to the same point on the peak-valley curve. Note, this is a phase adjustment, since the light from the respective laser systems **302**, **312** will usually have different amplitudes in the third detected signal **336**. The amount of change needed for the etalon tuning signal **338** represents the difference in the wavelength of the first laser system **302** and the second laser system **312**. –